Mouse CLEC10A/CD301 Recombinant antibody, PBS Only

Catalog Number:85911-5-PBS

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Basic Information

Catalog Number:
85911-5-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2698

GenBank Accession Number:
NM_010796.3

GeneID (NCBI):
17312

UNIPROT ID:
P49300

Full Name:
macrophage galactose N-acetyl-galactosamine specific lectin 1

Calculated MW:
35 kDa

Observed MW:
40 kDa

Purification Method:
Protein A purification

CloneNo.:
242636A8

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse

Background Information

C-type lectin domain family 10 member A (CLEC10A), also known as CD301, macrophage galactose-type C-type lectin (MGL), DC-asialoglyco protein receptor (DC-ASGP-R) or human macrophage lectin (HML), is a type II transmembrane glycoprotein having a calcium-dependent carbohydrate recognition domain (PMID: 8598452; 11919201; 11698450). CLEC10A is expressed exclusively by myeloid professional antigen-presenting cells such as immature dendritic cells (DCs) and alternatively activated macrophages (PMID: 16998493). CLEC10A is a marker for human CD1c+ DCs (cDC2) (PMID: 29755453). It functions as an endocytic receptor for glycosylated antigens (PMID: 11919201).
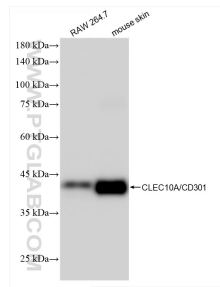
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS only, pH7.3

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 85911-5-RR (CLEC10A/CD301 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85911-5-PBS in a different storage buffer formulation.